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# **NEW UTILITY PATENT APPLICATION TRANSMITTAL**

(to be used for new applications only)

Attorney Docket Number

First Named Inventor

**ARIEL S. GRIMES**

Total Pages in this Submission

**37**

## **APPLICATION ELEMENTS**

Notice: Checklist items mentioned under Application Elements section constitute a new utility patent application. Please refer to MPEP Sections 506, 601, (70CFR 1.77, 1.53, 35 USC 111, 112, 113) for detailed explanation regarding completeness of an original patent application.

1. ☒ Fee Transmittal Form (prescribed filing fee(s))
2. Specification
  - ☒ Title of the Invention
  - ☐ Cross References to Related Applications (if applicable)
  - ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - ☐ Reference to Microfiche Appendix (if applicable)
  - ☒ Background of the Invention
  - ☒ Brief Summary of the Invention
  - ☒ Brief Description of the Drawings (if drawings filed)
  - ☒ Detailed Description
  - ☒ Claim or Claims
  - ☒ Abstract of the Disclosure
3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)
4. ☒ Executed Declaration
5. Genetic Sequence Submission (if applicable, all must be included)
  - ☐ Paper Copy
  - ☐ Computer Readable Copy
  - ☐ Statement Verifying Identical Paper and Computer Readable Copy

## **ACCOMPANYING APPLICATION PARTS**

6. ☐ Assignment Papers
7. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
8. ☐ Computer Program in Microfiche
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Petition Checklist and Accompanying Petition
12. ☐ Preliminary Amendment
13. ☐ Proprietary Information
14. ☐ Return Receipt Postcard
15. ☒ Small Entity Statement
16. ☐ Additional Enclosures (please identify below):

## **SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name

**ARIEL S. GRIMES**

Signature

Date

*A. S. Grimes*  
1/29/2001

## **FOR OFFICIAL USE ONLY**

Application Number		Class		Independent Claims	
Date of Receipt	Application Type	GAU		Total Claims	
	Filing Date	Foreign Filing License?		Drawing Sheets	
	Small Entity	Foreign Address?		Special Handling?	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

# FEE TRANSMITTAL

TOTAL AMOUNT OF PAYMENT (\$ 345

## Complete if Known

Application Number  
 Filing Date  
 First Named Inventor **ARIEL S. GRIMES**  
 Group Art Unit  
 Examiner Name  
 Attorney Docket Number

## METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number  
 Deposit Account Name

☐ Charge Any Additional Fee Required Under 37 CFR 1.18 and 1.17 ☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

## FEE CALCULATION (fees effective 10/01/96)

### 1. FILING FEE

Large Entity	Small Entity	Fee Code	Fee Code	Fee Description	Fee Paid
101	770	201	385	Utility filing fee	345
106	320	206	160	Design filing fee	
107	530	207	265	Plant filing fee	
108	770	208	385	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$ 345.00)

### 2. CLAIMS

Total Claims	Extra	Fee from below	Fee Paid
Independent Claims -20 =	X		0
Multiple Dependent Claims -3 =	X		

Large Entity	Small Entity	Fee Code	Fee Code	Fee Description
102	80	202	40	Claims in excess of 20
104	80	204	40	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim
109	80	209	40	Reissue independent claims over original patent
110	22	210	11	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee Code	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or cash	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,480	147	2,480	For filing a request for reexamination	
112	900	112	900	Requesting publication of SIR after Examiner action	
113	1,790	113	1,790	Requesting publication of SIR after Examiner action	
116	110	216	55	Extension for response within first month	
116	380	216	195	Extension for response within second month	
117	930	217	465	Extension for response within third month	
118	1,470	218	735	Extension for response within fourth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,470	138	1,470	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidsly abandoned application	
141	1,280	241	645	Petition to revive unintentionally abandoned application	
142	1,280	242	645	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	650	244	325	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
128	230	128	230	Submission of Information Disclosure Sheet	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	770	246	385	Filing a submission after final rejection (37 CFR 1.129(a))	
149	770	249	385	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify)

Other fee (specify)

SUBTOTAL (3) (\$

\* Reduced by Basic Filing Fee Paid

## SUBMITTED BY

Typed or Printed Name **ARIEL S. GRIMES**  
 Signature *Ariel Grimes*

## Complete (if applicable)

Reg. Number  
 Date *4/29/2001*  
 Deposit Account User ID

Budget Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.